

Map & Photo Legend



The entrance to McDonald Lagoon viewed from the north.

	Free-oil Containment and Recovery, Shallow Water		Snare or Sorbent Boom
	Diversion Booming		Shoreside Recovery
	Passive Recovery		Bears in Area, Guards Recommended
	Protected-water Boom		

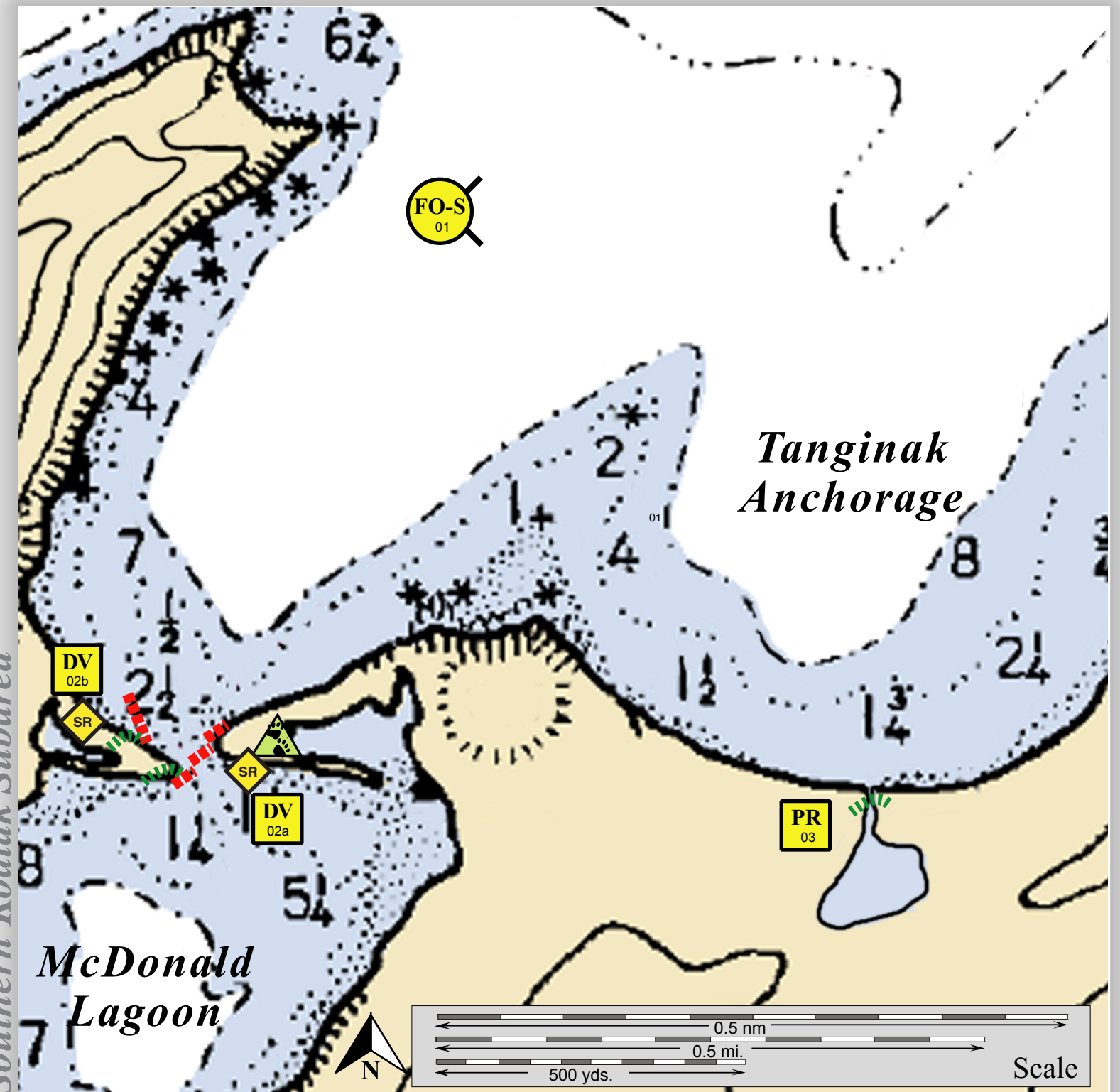





McDonald Lagoon viewed from the north.

Geographic Response Strategies for Southern Kodiak Subarea

Tanginak Anchorage/McDonald Lagoon, K-77

Center of map at 57° 10.9' N Lat., 153° 02.0' W Lon.



ID	Location and Description	Response Strategy	Implementation	Response Resources	Staging Area	Site Access	Resources Protected (months)	Special Considerations
K-77-01 	Tanginak Anchorage and McDonald Lagoon Nearshore waters in the general area of: Lat. 57°10.87'N Lon. 153°02.20'W	Free-oil Recovery Maximize free-oil recovery in the offshore & nearshore environment of Tanginak Anchorage and McDonald Lagoon depending on spill location and trajectory.	Deploy free-oil recovery strike teams upwind and up current of Tanginak Anchorage and McDonald Lagoon. Use aerial surveillance to locate incoming slicks.	Deploy multiple free-oil recovery strike teams as required to maximize interception of oil before it impacts the sensitive areas in Tanginak Anchorage and McDonald Lagoon.	Vessel Platform	Via marine waters Chart 16592-1	Same as K-77-02	Vessel master should have local knowledge. Use extreme caution, shoal waters and extensive commercial vessel traffic.
K-77-02 	McDonald Lagoon a. Lat. 57°10.06'N Lon. 153°04.03'W b. Lat. 57°10.18'N Lon. 153°04.26'W	Divert and Collect Divert oil to shore-side collection points determined by spill source and trajectory	Deploy anchors and boom with skiffs (class 6). For (a), place 3 x 300 ft. sections of protected-water boom in cascaded arrays at the proper angle to divert incoming oil to the collection site. The array may be set to flag on ebb tide if conditions and current require. For (b), place 400 ft. of protected-water boom at the proper angle to divert incoming oil to the collection site. Set up collection sites and tend throughout the tide.	Deployment Equipment 1300 ft. protected-water boom 9 ea. small anchor systems 6 ea. anchor stakes 2 ea. shore-side collection system Vessels 2 ea. class 6 Personnel/Shift 5 ea. vessel crew/general tech Tending Vessels 1 ea. class 6 Personnel/Shift 4 ea. vessel crew/general tech	Vessel Platform	Via marine waters Chart 16592-1	Fish- intertidal spawning- salmon (May-Sept.), herring (April-May) Birds-waterfowl concentration, seabird nesting Marine mammals- seals, otters Habitat- marsh, sheltered rocky shoreline, gravel beaches Human Uses- commercial fishing, subsistence	Vessel master should have local knowledge. Take appropriate measures as outlined in the STARR Manual to protect the beach at the shore-side collection site. Site surveyed: 5/22/08 Tested: not yet
K-77-03 	Tanginak Anchorage Lat. 57°10.03'N Lon. 153°01.88'W	Passive Recovery Place passive recovery across the channels of the streams in Tanginak Anchorage.	Deploy snare line or sorbent boom and anchors with skiffs across the identified stream. Replace as necessary to maximize the recovery.	Deployment Equipment 200 ft. snare line or sorbent boom 2 ea. small anchor systems 8 ea. anchor stakes Vessels/Personnel/Shift Same as K-77-02 Tending Vessels/Personnel/Shift Same as K-77-02	Vessel platform	Via marine waters Chart 16592-1	Same as K-77-02	Vessel masters should have local knowledge. Use snare line for persistent oils and sorbent boom for non-persistent oils. Tested: not yet